

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC12 Rec'd PCT/PTC 28 SEP 2005

In re the Application of

Satoshi SHIRAI et al.

Application No.: New U.S. National Stage of PCT/JP2004/004439

Filed: September 28, 2005

Docket No.: 125434

For: ORGANIC EL ELEMENT AND ORGANIC EL DISPLAY

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.
- 2. Relevance of references 2-7 and 11-13 is discussed in the present specification.
- 3. References 1, 8-10 and 14-16 were cited in the International Search Report. An English language version of the International Search Report is attached for the Examiner's information.
- 4. In accordance with 37 CFR §1.98(a)(2)(ii), copies of any U.S. patents and patent application publications are not attached.
- 5. English language Abstracts of the non-English language references are attached hereto.
- 6. Computer-generated English language translations of the following Japanese references have been obtained from the website of the Japanese Patent Office ([<http://www.jpo.go.jp>]), and are attached, but have not been reviewed for accuracy. See References 2 & 8-10.
- 7. Partial English language translations of references 14-15 are attached hereto.

Respectfully submitted,

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE	ATTY DOCKET NO. 125434	APPLICATION NO. New U.S. National Stage of PCT/JP2004/004439		
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)		APPLICANTS Satoshi SHIRAI et al.				
		FILING DATE September 28, 2005				
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	1.	2003/0054200 A1	03/20/2003	Sanae TAGAMI et al.		
FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	2.	JP-A-10-092576 w/ abst. & trans.	04/10/1998	JAPAN		
	3.	JP-A-63-070257 w/ abst.	03/30/1988	JAPAN		
	4.	JP-A-63-175860 w/ abst.	07/20/1988	JAPAN		
	5.	JP-A-02-135359 w/ abst.	05/24/1990	JAPAN		
	6.	JP-A-03-037992 w/ abst.	02/19/1991	JAPAN		
	7.	JP-A-03-152184 w/ abst.	06/28/1991	JAPAN		
	8.	JP-A-2004-111228 w/ abst. & trans.	04/08/2004	JAPAN		
	9.	JP-A-2003-338375 w/ abst. & trans.	11/28/2003	JAPAN		
	10.	JP-A-2004-059743 w/ abst. & trans.	02/26/2004	JAPAN		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)						
	11.	C.W. TANG et al.; "Organic Electroluminescent Diodes"; <i>Applied Physics Letters</i> ; Vol. 51, No. 12; September 21, 1987; pp. 913-915.				
	12.	R.H. PARTRIDGE; "Electroluminescence from Polyvinylcarbazole Films: 3. Electroluminescent Devices"; <i>Polymer</i> ; Vol. 24; June 1983; pp. 748-754.				
	13.	M.A. BALDO et al.; "Very High-Efficiency Green Organic Light-Emitting Devices Based on Electrophosphorescence"; <i>Applied Physics Letters</i> ; Vol. 75, No. 1; July 5, 1999; pp. 4-6.				
	14.	Junji KIDO; <i>Organic Electroluminescence Materials and Displays</i> ; February 28, 2001; pp. 216 & 220. (w/ partial trans.)				
	15.	Satoshi SHIRAI et al.; "Syntheses of Vinyl Polymers Containing Phenyl Anthracene Pendants and Their Application to Organic EL Devices"; <i>Polymer Preprints, Japan</i> ; Vol. 50, No. 4; 2001; pp. 661. (w/ partial trans.)				
	16.	S. TOKITO et al.; "Flexible Color OLED Display Based on Phosphorescent Polymers"; <i>IDW '03</i> ; pp. 1305-1308.				
EXAMINER					DATE CONSIDERED	
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.						